

Technical sheet :

# 1800R

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| Capacities                              |     | Metric              |
|-----------------------------------------|-----|---------------------|
| Rated Operating Capacity                |     | 817 kg              |
| Unladen weight                          |     | 2892 kg             |
| Tipping capacity                        |     | 1633 kg             |
| Weight and dimensions                   |     |                     |
| Overall Operating Height - Fully Raised | h27 | 3876 mm             |
| Height to Hinge Pin – Fully Raised      | h28 | 3023 mm             |
| Overall Height to top of ROPS           | h17 | 1948 mm             |
| Dump angle at full height               | a5  | 38 °                |
| Dump height                             | h29 | 2379 mm             |
| Overall length with bucket              | l16 | 3139 mm             |
| Dump reach - Full height                | r6  | 579 mm              |
| Rollback at ground                      | a13 | 28 °                |
| Rollback Angle at Full Height           | a4  | 99 °                |
| Seat to ground height                   | h30 | 930 mm              |
| Wheelbase                               | y   | 988 mm              |
| Overall width less bucket               | b1  | 1582 mm             |
| Bucket Width                            | e1  | 1562 mm             |
| Ground clearance                        | m4  | 160 mm              |
| Overall length - Less Bucket            | l2  | 2425 mm             |
| Departure angle                         | a2  | 19 °                |
| Clearance Radius - Front with Bucket    | b18 | 1869 mm             |
| Clearance Circle - Front without Bucket | b19 | 1130 mm             |
| Clearance Circle - Rear                 | wa1 | 1519 mm             |
| Performances                            |     |                     |
| Travel speed (unladen)                  |     | 12.60 km/h          |
| Wheels                                  |     |                     |
| Standard tires                          |     | 10X 16.5 - 10 PR HD |
| Engine                                  |     |                     |
| Engine brand                            |     | Yanmar              |
| Engine model                            |     | 4TNV98-ZNMS3R1      |
| Engine norm                             |     | iT4                 |
| Gross Power                             |     | 52.10 kW            |
| Net Power                               |     | 51.20 kW            |
| Max. torque / Engine rotation           |     | 241 Nm / 2500 rpm   |
| Power source                            |     | Diesel              |
| Number of cylinders                     |     | 4                   |
| Battery voltage                         |     | 12 V                |
| Accessory plug                          |     | 12 V                |
| Alternator - Ampere                     |     | 100 A               |
| Starter                                 |     | 3 kW                |
| Hydraulics                              |     |                     |
| Standard flow - Auxiliary hydraulics    |     | 71.40 l/min         |
| Auxiliary Hydraulic Pressure            |     | 207 bar             |
| Tank capacities                         |     |                     |
| Fuel tank                               |     | 62.50 l             |
| Hydraulic oil tank capacity             |     | 41.60 l             |
| Displacement                            |     | 3319 mm³            |
| LH Chain case                           |     | 8.50 l              |
| RH Chain case                           |     | 8.50 l              |

1800R - Dimensional drawing





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